

INTERNATIONAL SEARCH REPORT

ational Application No
PCT/IB2004/001542

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E01F9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 747 981 A (ROBINSON JESSE L) 31 May 1988 (1988-05-31) column 3, line 32 - line 36 column 3, line 44 column 4, line 13 - line 16 column 5, line 2 - line 4 figures 1-4	1-16
Y	EP 0 486 168 A (MINNESOTA MINING & MFG) 20 May 1992 (1992-05-20) page 4, line 12 - line 22 page 5, line 49 - line 51 figures 1-4	1-16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

22 September 2004

Date of mailing of the international search report

29/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 043 656 A (KINGRAY INT LTD) 13 January 1982 (1982-01-13) page 11, line 13 - line 22 page 12, line 1 - line 4 page 15, line 1 - line 2 figure 2 -----	4-6, 12, 13, 15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/001542

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4747981	A	31-05-1988	NONE	
EP 0486168	A	20-05-1992	US 5069577 A AT 119601 T CA 2053023 A1 DE 69107961 D1 DE 69107961 T2 EP 0486168 A1 JP 5346009 A	03-12-1991 15-03-1995 24-04-1992 13-04-1995 23-11-1995 20-05-1992 27-12-1993
EP 0043656	A	13-01-1982	EP 0043656 A1	13-01-1982